

In the Claims:

Please cancel claim 17, and amend claims 13, 15, 16 as follows:

13. (Amended) The centrifuge of claim 16, wherein:

said baffle comprises one or more concentric tubes;

said centrifuge further comprises a concentrically innermost tube; and

wherein said heavier material exits said hollow arm through said innermost tube.

15. (Amended) A centrifuge for decanting lighter material from heavier material from a mixture of initial material, the centrifuge comprising:

a housing including a central body, said central body defining an axis;

a hollow arm extending from said central body, said arm including a first end attached to said central body, and a second end extending away from said central body, said hollow arm defining a chamber;

a baffle comprising one or more tube walls, said baffle attached to said central body and extending into said chamber, said baffle defining a flow path between said one or more tube walls within said chamber;

said flow path including a first exit path for guiding said lighter material out of said housing and a second exit path for guiding said heavier material out of said housing; and

means for continuously removing said heavier materials from said housing during operation of said centrifuge.

16. (Amended) A centrifuge for decanting lighter material from heavier material from a mixture of initial material, the centrifuge comprising:

a housing including a central body, said central body defining an axis;

a hollow arm extending from said central body, said arm including a first end attached to said central body, and a second end extending away from said central body, said hollow arm defining a chamber; and

a baffle attached to said central body and extending into said chamber, said baffle defining a flow path within said chamber;

said flow path including a first exit path for guiding said lighter material out of said housing and a second exit path for guiding said heavier material out of said housing;

an outlet channel in communication with said first and second exit paths; and

removal means for continuously removing said heavier material from said housing during operation and procedure, said removal means non-rotating with respect to a point of reference external to said housing;

wherein the heavier material from said mixture of initial material exits said housing through said outlet channel.